

Related Applications

B1
This application is a divisional application of U.S. serial number 08/553,336 filed on December 14, 1995 (pending), which claims priority to PCT/AU94/00117 filed on March 11, 1994 (published in English), which in turn claims priority to U.S. serial number 08/031,141 filed on March 12, 1993 (abandoned) and U.S. serial number 08/081,540 filed on June 22, 1993 (pending).

At page 1, lines 1 and 2 and page 50, lines 1 and 2, please amend the title as follows:

(A HOUSE DUST MITE ALLERGEN, *DER F* VII, AND USES THEREFOR)

In the Claims:

Please cancel claim 1 and add the following new claims:

80. ✓ (New) An isolated nucleic acid encoding a *Der f* VII protein allergen wherein the nucleic acid comprises the nucleotide sequence shown in Fig. 6A and 6B (SEQ ID NO: 6), or the coding region thereof.

81. ✓ (New) An isolated nucleic acid encoding a *Der f* VII protein allergen, comprising the amino acid sequence shown in Fig. 6A and 6B (SEQ ID NO:7), or the mature portion thereof.

B2
82. ✓ (New) An isolated nucleic acid encoding an antigenic peptide of a *Der f* VII protein allergen, wherein the protein allergen comprises the amino acid sequence shown in Fig. 6A and 6B (SEQ ID NO:7), and wherein the antigenic peptide comprises at least one epitope of said allergen, but not the full-length protein allergen, and is not cross-reactive with *Der p* VII protein allergen.

83. (New) The nucleic acid of claim 82, wherein the epitope is a T cell epitope.

84. (New) The nucleic acid of claim 82, wherein the epitope is a B cell epitope.

85. ✓ (New) An isolated nucleic acid sequence encoding a protein allergen capable of stimulating T cells specific for *Der f* VII protein allergen, but not *Der p* VII protein allergen, wherein the *Der f* VII protein allergen comprises the amino acid sequence shown in Fig. 6A and 6B (SEQ ID NO:7).

86. ✓ (New) An isolated nucleic acid encoding a polymorphic variant of a *Der f* VII protein allergen comprising the amino acid sequence shown in Fig. 6A and 6B (SEQ ID NO:7).

87. (New) A vector comprising the nucleic acid of claim 81.

88. (New) A host cell containing the vector of claim 87.

89. (New) A method of producing a *Der f* VII protein allergen comprising culturing the host cell of claim 88 under conditions appropriate for expression of *Der f* VII protein and isolating *Der f* VII protein from the culture.

90. (New) A vector comprising the nucleic acid of claim 82.

91. (New) A host cell containing the vector of claim 90.

92. (New) A method of producing a *Der f* VII protein allergen comprising culturing the host cell of claim 91 under conditions appropriate for expression of *Der f* VII protein and isolating *Der f* VII protein from the culture.